

01/28/02

10971 U.S. PTO  
10/055878UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Only for new nonprovisional applications under 37 CFR 1.53(b)

Attorney Docket No. 215518US23

First Inventor or Application Identifier Ben Hui LIU

Title A FOUR DIMENSIONAL BIOCHIP DESIGN FOR HIGH THROUGHPUT APPLICATIONS  
AND METHODS OF USING THE FOUR DIMENSIONAL BIOCHIP

Assignee Name: BIO-INFORMATICS GROUP, INC.

Assignee Address: 2000 Regency Parkway; Suite 395; Cary, North Carolina 27511

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification Total Sheets
3. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets
4. ☐ Oath or Declaration Total Pages
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with box 17 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in  
the prior application, see 37 C.F.R. §1.63(d)(2) and  
1.33(b).
- ☐ CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)
- ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification or Sequence Listing on :
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ Paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☒ Application Data Sheet. See 37 CFR 1.76
9. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ White Advance Serial No. Postcard
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Applicant claims small entity status.  
See 37 CFR 1.27
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:  
Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. Amend the specification by inserting before the first line the sentence:

- ☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)  
of application Serial No. Filed on
- ☐ Which was published in English
- ☐ Which was not published in English
- ☐ This application claims priority of provisional application Serial No. Filed

## 19. CORRESPONDENCE ADDRESS



22850

(703) 413-3000

FACSIMILE: (703) 413-2220

Name:	J. Derek Mason, Ph.D.	Registration No.:	35,270
Signature:		Date:	1/28/02
Name:		Registration No.:	

Docket No. 215518US23

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTOR(S) Ben Hui LIU

SERIAL NO: New Application

FILING DATE: Herewith

FOR: A FOUR DIMENSIONAL BIOCHIP DESIGN FOR HIGH THROUGHPUT APPLICATIONS AND  
METHODS OF USING THE FOUR DIMENSIONAL BIOCHIP

**FEE TRANSMITTAL**

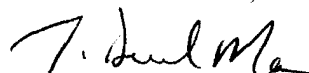
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	89 - 20 =	69	× \$18 =	\$1,242.00
INDEPENDENT CLAIMS	6 - 3 =	3	× \$84 =	\$252.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$280 =	\$0.00
<input checked="" type="checkbox"/> LATE FILING OF DECLARATION			+ \$130 =	\$130.00
			BASIC FEE	\$740.00
			TOTAL OF ABOVE CALCULATIONS	\$2,364.00
<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
<input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
<input type="checkbox"/> RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
			TOTAL	\$2,364.00

- ☐ Please charge Deposit Account No. 15-0030 in the amount of \_\_\_\_\_ A duplicate copy of this sheet is enclosed.
- ☒ A check in the amount of \$2,364.00 to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030.  
A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
J. Derek Mason, Ph.D.

Registration No. 35,270

Date: 1/28/02



22850

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 10/01)

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

01/30/2002 EFLORES 00000069 10055878

01 FC:101	740.00 OP
02 FC:102	252.00 OP
03 FC:103	1242.00 OP
04 FC:105	130.00 OP

PTO-1556  
(5/87)

\*U.S. GPO: 2000-468-987/39595